Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049580.D
Acq On : 30 Jul 2021 16:20
Operator : CG/JU
Sample : M3122-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEN9

Quant Time: Jul 30 16:54:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	20899	20.000	ng/ul		0.00
20) Naphthalene-d8	10.868	136	88221	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.698	164	65307	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.447	188	146975	20.000	ng/ul		0.00
79) Chrysene-d12	21.730	240	137167	20.000	ng/ul	#	0.00
88) Perylene-d12	25.008	264	144129	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.431	96	1454	3.183	ng/uL		0.00
4) Pyridine-d5	3.866	84	9524	7.259	ng/ul		0.01
7) Phenol-d5	7.202	99	29827	16.131	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	18793	17.945	ng/ul		0.00
11) 2-Chlorophenol-d4	7.578	132	23137	17.456	ng/ul		0.00
15) 4-Methylphenol-d8	8.753	113	23041	16.532	ng/ul		0.00
21) Nitrobenzene-d5	9.211	128	12063	17.785	ng/ul		0.00
24) 2-Nitrophenol-d4	9.940	143	14432	18.158	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.486	165	23124	15.997	ng/ul		0.00
31) 4-Chloroaniline-d4	11.003	131	29573	14.679	ng/ul		0.00
46) Dimethylphthalate-d6	14.093	166	92566	18.504	ng/ul		0.00
49) Acenaphthylene-d8	14.387	160	109527	18.850	ng/ul		0.00
54) 4-Nitrophenol-d4	14.892	143	11722	14.229	ng/ul		0.00
60) Fluorene-d10	15.691	176	84754	19.666	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	11742	12.893	ng/ul		0.00
73) Anthracene-d10	17.547	188	134034	19.622	ng/ul		0.00
81) Pyrene-d10	19.832	212	91879	13.100	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.784	264	53315	7.038	ng/ul		0.02
Target Compounds							Qvalue
80) Fluoranthene	19.497	202	21293	2.500	ng/ul	#	96
85) Benzo(a)anthracene	21.712	228	13792	1.645	ng/ul		95
87) Chrysene	21.777	228	10366	1.291	ng/ul	#	90
90) Benzo(b)fluoranthene	23.968	252	10620	1.176	ng/ul	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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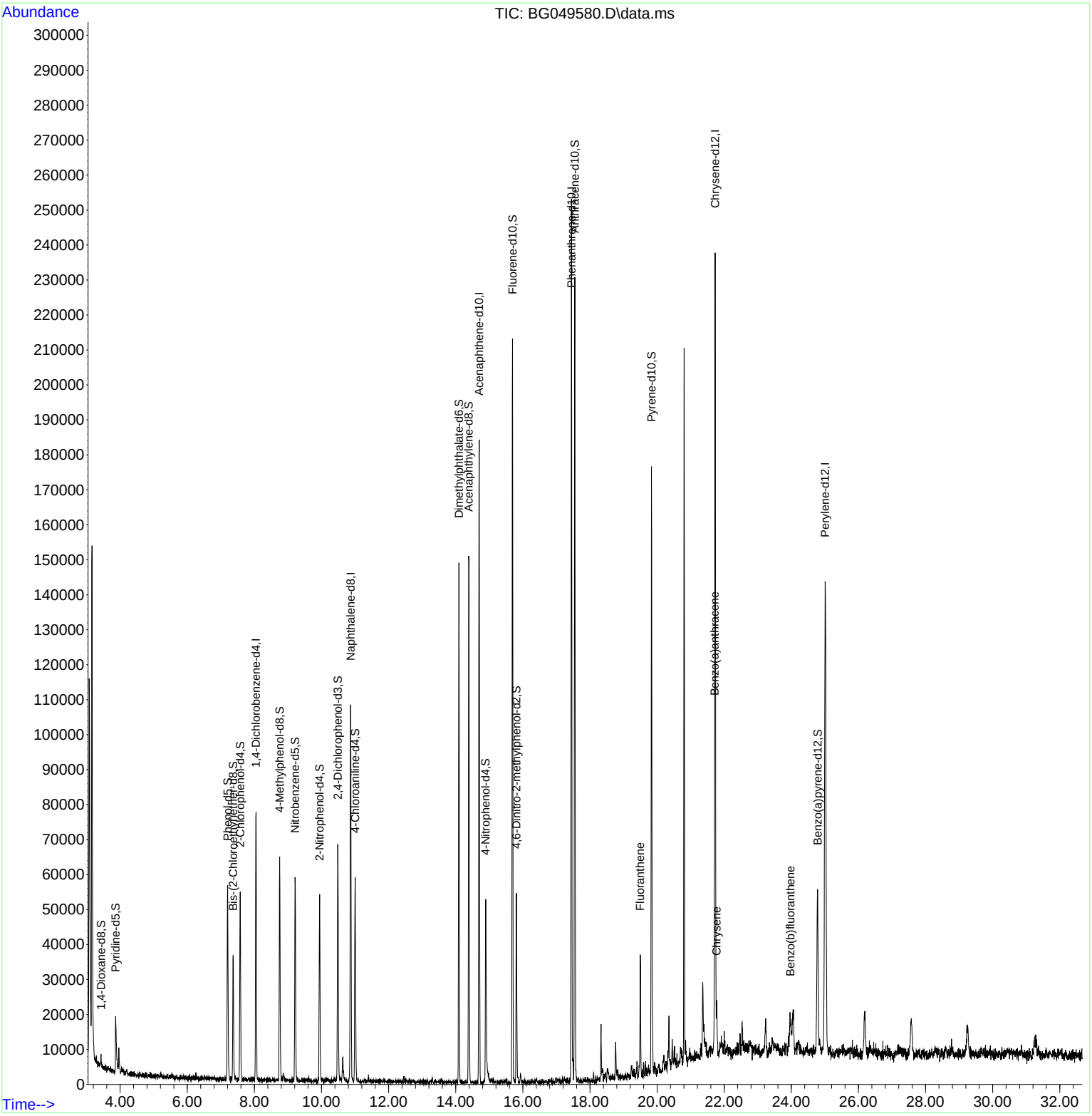
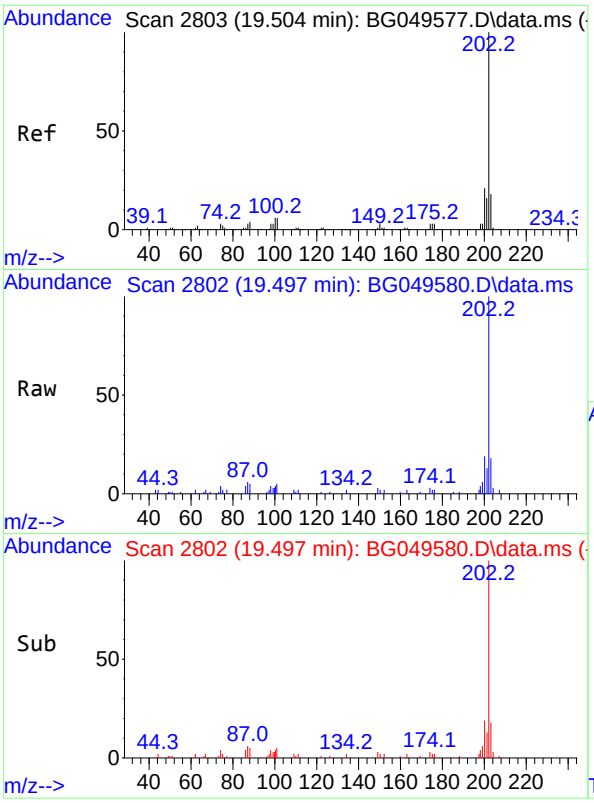


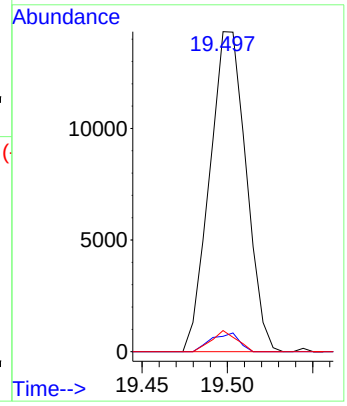
Instrument :
BNA_G
ClientSampleId :
BGEN9

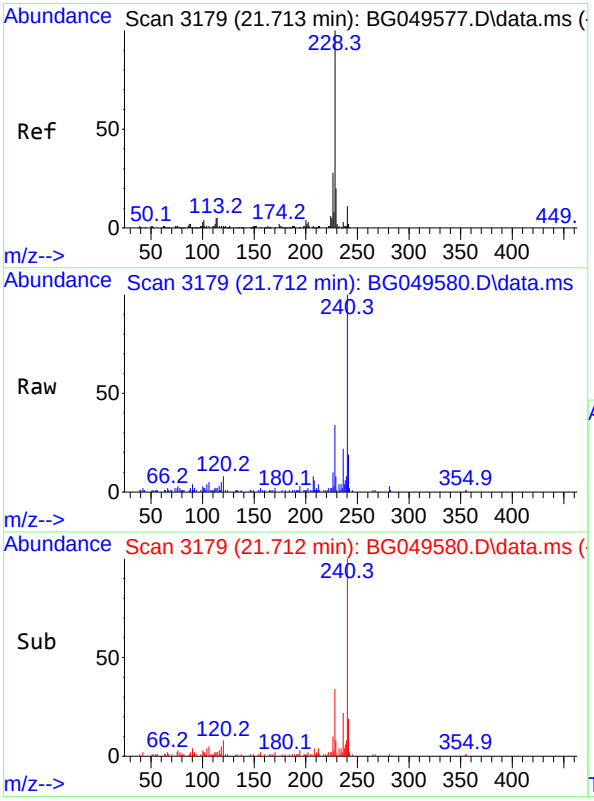


#80
Fluoranthene
Concen: 2.500 ng/ul
RT: 19.497 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049580.D
Acq: 30 Jul 2021 16:20

Tgt Ion:202 Resp: 21293

Ion	Ratio	Lower	Upper
202	100		
101	4.8	4.3	6.5
100	6.6	3.8	5.6#

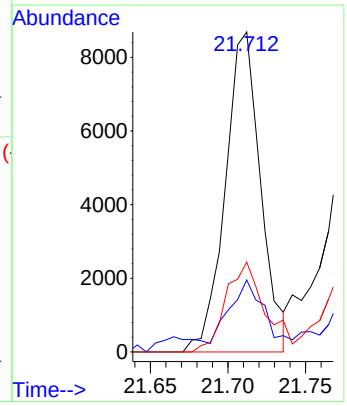




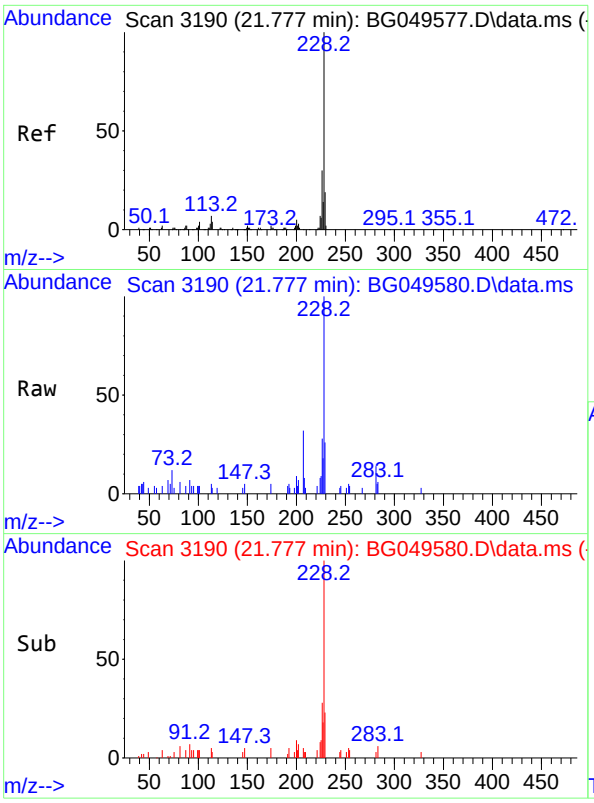
#85
Benzo(a)anthracene
Concen: 1.645 ng/ul
RT: 21.712 min Scan# 3179
Delta R.T. 0.005 min
Lab File: BG049580.D
Acq: 30 Jul 2021 16:20

Tgt Ion:228 Resp: 13792

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.4	23.2
226	28.1	21.1	31.7



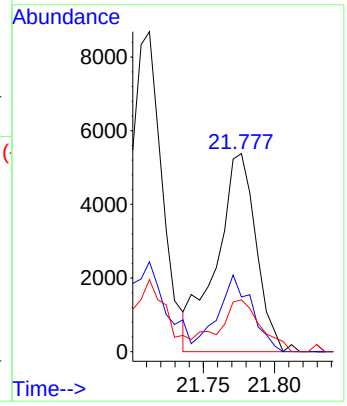
Instrument :
BNA_G
ClientSampleId :
BGEN9

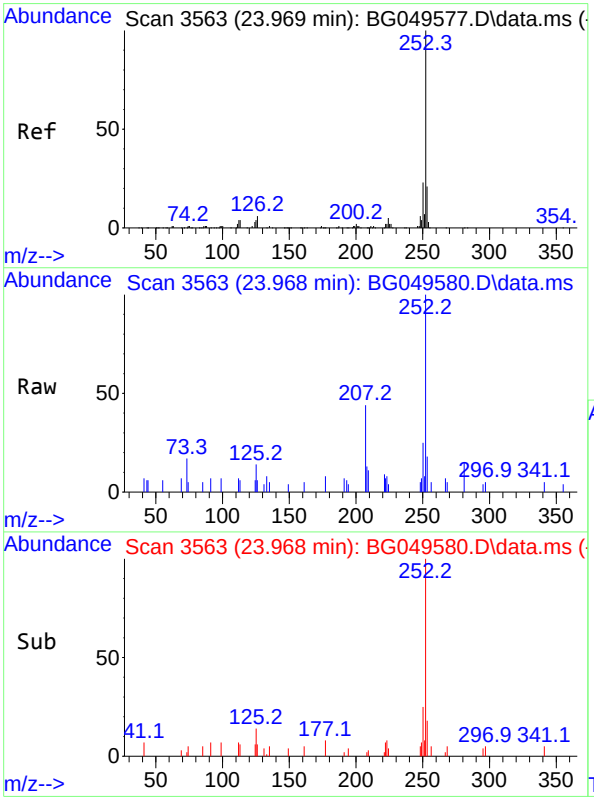


#87
Chrysene
Concen: 1.291 ng/ul
RT: 21.777 min Scan# 3190
Delta R.T. 0.005 min
Lab File: BG049580.D
Acq: 30 Jul 2021 16:20

Tgt Ion:228 Resp: 10366

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.6	37.0
229	26.1	14.9	22.3#





#90
Benzo(b)fluoranthene
Concen: 1.176 ng/ul
RT: 23.968 min Scan# 3563
Delta R.T. 0.011 min
Lab File: BG049580.D
Acq: 30 Jul 2021 16:20

Tgt Ion:252 Resp: 10620

Ion	Ratio	Lower	Upper
252	100		
253	17.7	17.1	25.7
125	13.8	4.5	6.7#